

Converting Colors

`RYB(226, 172, 142)`

Have a look what the booklet for
RYB(226, 172, 142) contains.

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Color

R_YB(226, 172, 142)

Conversions

Conversions Part 1

Format	Color
Hex	E2A48E
RGB	226, 164, 142
RGB Percent	89%, 64%, 56%
CMY	0.1137, 0.3564, 0.4431
CMYK	0.00, 0.27, 0.37, 0.11
HSL	16°, 59%, 72%
HSV	16°, 37%, 89%
XYZ	49.5408, 44.7104, 31.6101
YIQ	180.0300, 44.0140, 6.3020

Conversions

Conversions Part 2

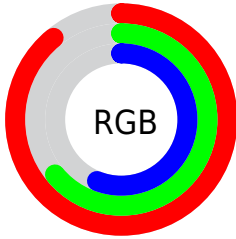
Format	Color
R _Y B	226, 172, 142
Decimal	14853262
CIE Lab	72.70, 20.06, 20.50
CIE LCh	73, 28.682, 45.630
Yxy	44.7104, 0.3936, 0.3552
Android (android.graphics.Color)	4293043342 (0xFFE2A48E)
YUV	180.0300, -18.7488, 40.3157
Hunter-Lab	66.8658, 15.2354, 18.7774

Details

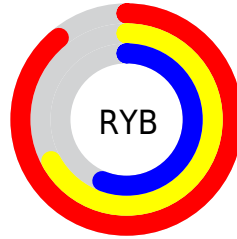
The RYB color **226, 172, 142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 178, 226**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 234, 196**, and **169, 119, 92** is the 20% darker color. If you saturate the color by 10%, you get **226, 157, 119**, and if you desaturate by 10%, it is **226, 187, 165**.

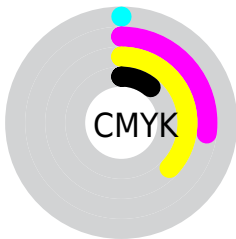
Distribution



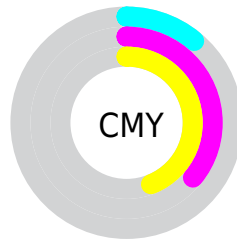
- Red (89%)
- Green (64%)
- Blue (56%)



- Red (89%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 226, 172, 142 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 226, 172, 142 by changing the saturation by 10% instead.

 226, 172, 142

 226, 172, 142

255, 255, 255

 197, 146, 116

 255, 234, 196

 169, 119, 92

 233, 255, 224

 141, 94, 68

252, 255, 252

 114, 70, 46

 88, 47, 24

 63, 27, 0

 39, 0, 0

 0, 0, 0

 226, 172, 142

 226, 172, 142

■ 226, 157, 119

■ 226, 187, 165

■ 226, 143, 97

■ 226, 200, 187

■ 226, 128, 74

■ 226, 215, 210

■ 226, 113, 52

■ 226, 229, 232

■ 226, 100, 29

■ 226, 238, 255

■ 226, 85, 6

■ 226, 241, 255

■ 226, 80, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 159, 165



226, 172, 142



196, 209, 128

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 172, 142



124, 167, 192



165, 174, 229

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



226, 172, 142



142, 178, 226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



127, 164, 229



226, 172, 142



101, 147, 193

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 172, 142



141, 188, 176



101, 151, 215



199, 167, 215

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226, 172, 142



144, 192, 126



101, 151, 215



152, 172, 230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



226, 172, 142



255, 236, 227



226, 142, 205



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 172, 142



255, 181, 140



170, 226, 142



112, 105, 101



176, 62, 0



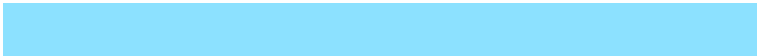
48, 18, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



142, 178, 226



140, 189, 255



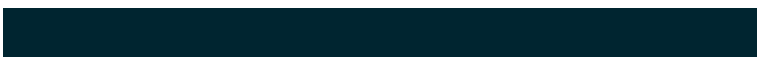
142, 159, 226



101, 106, 112



0, 75, 176



0, 21, 48

Previews

White Background



This preview shows how the RYB color 226, 172, 142 looks on a white background.

Color Contrast Check

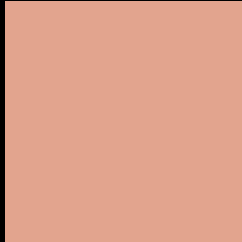
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 226, 172, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

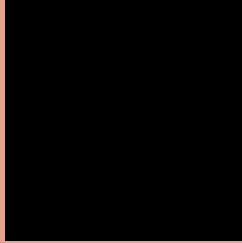
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 226, 172, 142 Background



This preview shows how black text looks on a background with the R Y B color 226, 172, 142.

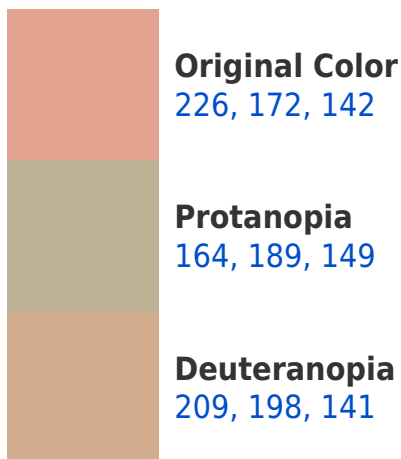



This preview shows how white text looks on a background with the R Y B color 226, 172, 142.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
229, 160, 172

Trichromacy



Original Color
226, 172, 142

Protanomaly
202, 198, 146

Deuteranomaly
215, 186, 141

Tritanomaly
228, 161, 161

Monochromacy



Original Color
226, 172, 142

Achromatopsia
180, 180, 180

Achromatomaly
197, 177, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 172, 142 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 164, 142) looks like.

```
.text, #text, p{  
    color:rgb(226, 164, 142)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 164, 142) }
```

Border

The CSS property to change the border of an element to RYB 226, 172, 142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 164, 142) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 164, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 164, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 164, 142); box-shadow:4px 4px 4px 4px rgb(226, 164, 142) }
```

Background

The CSS property to change the background color of an element to RGB 226, 172, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 164, 142) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
164, 142) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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